JC986 U.S. PTO
09/975220
10/11/01

210	321.69	ISSUE CLASSIFICATION
Class	Subclass	

U.S. REISSUE Patent Application

O.I.P.E.	O.G. PUBLICATION DATE	REISSUE PATENT DATE
KG SCANNED CP Q.A. NR	4/9/02	

APPLICATION NO. 09/975220	CONT/PRIOR D	CLASS 210	SUBCLASS 321.69	ART UNIT 1723	EXAMINER KIM

APPLICANTS
Mailvagnam Mahendran
Carlos Rodrigues
Steven Pedersen

TITLE
Vertical skein of hollow fiber membranes and method of maintaining clean fiber surfaces while filtering a substrate to withdraw a permeate

PTO-2040
12/99

☑ SURRENDER OF ORIGINAL PATENT ___ (Exr. Initials) ORIGINAL PATENT NUMBER 5,639,373

ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
210	321.69	210	321.8	356	500.23	636	
INTERNATIONAL CLASSIFICATION		264	258				
B 0 1 D	65/02						

☐ Continued on Issue Slip Inside File Jacket

☒ TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	12	16	10	22	25

☐ The term of this patent
subsequent to ___ (date)
has been disclaimed.

☒ The term of this patent shall not extend beyond the expiration date of U.S. Patent No. 5783083

☐ The terminal ___ months of this patent have been disclaimed.

FINAL SPRE REVIEW

CUK
(INITIALS)

(Assistant Examiner) (Date)

John Kim
JOHN KIM
PRIMARY EXAMINER
GROUP 1900
JOHN KIM 8/22/03
(Primary Examiner) (Date)

(Legal Instruments Examiner) (Date)

NOTICE OF ALLOWANCE MAILED

8-11-03

ISSUE FEE	
Amount Due	Date Paid
$1300	

ISSUE BATCH NUMBER

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-2008
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

(FACE)